

CLAIMS

[1] A rotation output device, comprising:  
an output conveyance mechanism including a  
5 rotation driving member for outputting a rotation driving  
force and a rotation output member for outputting a rotation  
force in response to the driving of the rotation driving  
member, which are coaxially connected to each other so  
as to convey the rotation force, with a predetermined play  
10 angle to which the rotation force is not conveyed being  
formed in a relative rotation direction; and  
a lock mechanism including a movable lock member  
for locking a rotation conveyed from the rotation output  
member by being pressed toward a fixing member by the  
15 rotation output member, wherein the rotation output member  
and the fixing member located on an outer circumferential  
surface of the rotation output member and rotational-fixed  
are provided to face each other while being separated by  
a predetermined distance in a radial direction; a lock  
20 operation member operable to press the movable lock member  
toward the fixing member by the rotation conveyed from  
the rotation output member; and a release member capable  
of releasing the pressed state of the movable lock member  
by the rotation conveyed from the rotation driving member

and thus capable of releasing the locked state;  
wherein retaining means is provided, between the  
movable lock member and the fixing member, for retaining  
the position of the movable lock member in the rotation  
5 direction when receiving the rotation from the rotation  
output member.

[2] A rotation output device according to claim 1,  
wherein the retaining means is formed of a contact member  
10 integrally rotatable with the movable lock member and  
partially contacting the fixing member.

[3] A rotation output device according to claim 2,  
wherein a plurality of the movable lock members are provided,  
15 and the plurality of movable lock members are integrally  
rotatable with one another by one contact member.

[4] A rotation output device according to claim 2 or  
3, wherein sliding resistance increasing means for  
20 increasing a sliding resistance is provided at a position  
where the contact member contacts the fixing member.

[5] A rotation output device according to claim 4,  
wherein the sliding resistance increasing means is formed

of an elastic member.

[6] An electric tool including a rotation output device according to any one of claims 1 through 5 in an  
5 output system.